

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~Display~~ A display device comprising a plurality of light emitting elements (1) at least one of said elements having an associated capacitor (C1), said device comprising pre-charging means (7,8) for generating a pre-charge signal for at least partially charging said associated capacitor, said pre-charge signal comprising at least a first pre-charge signal in a first pre-charge stage and a second pre-charge signal in a second pre-charge stage, wherein said pre-charging means comprise a current source for generating a pre-charge current as the first pre-charge signal during said first pre-charge stage, and a voltage source for generating a subsequent pre-charge voltage subsequent to the pre-charge current as the second pre-charge signal during said second pre-charge stage.

Claim 2 (Canceled)

3. (Currently Amended) ~~Display~~ The display device according to ~~claim 2~~ claim 1, wherein a current limiting means is provided, which is adapted to limit said pre-charge current in operation.

4. (Currently Amended) ~~Display~~ The display device according to claim 3, wherein said current limiting means is said current source ~~(8)~~.

5. (Currently Amended) ~~Display~~ The display device according to claim 3, wherein said current limiting means comprises at least one resistor arranged so as to limit said pre-charge current.

6. (Currently Amended) ~~Display~~ The display device according to ~~claim 2~~ claim 1, wherein said voltage source ~~(7)~~ is adapted to select, in operation, at least one of said light emitting elements ~~(1)~~ and said current source ~~(8)~~ is connected to said voltage source so as to limit the pre-charge current.

7. (Currently Amended) ~~Display~~ The display device according to claim 1, wherein said ~~pre-charging means comprises a~~ voltage source ~~(7) in order is~~ configured to generate a first pre-charge voltage as the first pre-charge signal during said first pre-charge stage and a ~~subsequent second~~ pre-charge voltage as the second pre-charge signal subsequent to the first pre-charge voltage during said second pre-charge stage.

8. (Currently Amended) ~~Display~~ The display device according to claim 7, wherein the display device comprises means ~~(S7, S8)~~ for selecting a resistance ~~(R1, R2)~~ to generate said first pre-charge voltage and said ~~subsequent second~~ pre-charge voltage.

9. (Currently Amended) ~~Display~~ The display device according to ~~claim 2~~ claim 1, wherein a sensing unit ~~(10)~~ is provided to obtain an operating voltage of at least one light emitting element and said voltage source ~~(7)~~ is adapted to generate said subsequent pre-charge voltage in accordance with said operating voltage.

10. (Currently Amended) ~~Display~~ The display device according to claim 9, wherein said operating voltage is obtained by said sensing unit ~~(10)~~ in a steady state of said light emitting element ~~(1)~~.

11. (Currently Amended) ~~Pre-charging~~ A pre-charging arrangement for pre-charging at least one capacitor ~~(C1)~~ associated with at least one light emitting element ~~(1)~~ of a display device, said pre-charging arrangement being adapted for generating a pre-charge signal comprising at least a first pre-charge signal in a first pre-charge stage and a second pre-charge signal in a second pre-charge stage, wherein the first pre-charge signal is provided by a current source as a pre-charge current, and the second pre-charge signal is provided by a voltage source for generating a subsequent pre-charge voltage subsequent to the pre-charge current as the second pre-charge signal during the second pre-charge stage.

12. (New) The display device of claim 1, wherein the pre-charge current has a constant amplitude which is higher than a driving current of the least one of said elements.

13.(New) The display device of claim 12, wherein the pre-charge voltage initially increases the driving current, the driving current decreasing to less than the driving current while the pre-charge voltage is applied.

14.(New) The display device of claim 1, wherein the pre-charge current is decreased when a threshold voltage is reached, the threshold voltage being less than an operating voltage of the least one of said elements.

15.(New) The display device of claim 8 wherein, as the pre-charge current decreases, the means for selecting selects a lower resistance so that a higher current is obtained for faster charging.